

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	1	of	2
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Complete if Known

Application Number	10/816,049
Filing Date	March 31, 2004
First Named Inventor	John W. Barrus
Art Unit	2621
Examiner Name	To be assigned
Attorney Docket Number	74451P161

U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner
Signature**

Date _____

Considered

4/10/04

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Substitute for Form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known

Application Number	10/816,049
Filing Date	March 31, 2004
First Named Inventor:	John W. Barrus
Art Unit	
Examiner Name	
Attorney Docket Number	074451.P161

15 of

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document No. Number - Kind Code ² (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
<i>YKB</i>	A1	US-2004/0090462 A1	05-13-2004	Graham
	A2	US-2003/0184598 A1	10-02-2003	Graham
	A3	US-2003/0163552 A1	08-28-2003	Savitzky et al.
	A4	US-6,369,811	04-09-2002	Graham et al.
	A5	US-6,332,147	12-18-2001	Moran et al.
	A6	US-6,262,724	07-17-2001	Crow et al.
	A7	US-6,182,090	01-30-2001	Peairs
	A8	US-6,101,503	08-08-2000	Cooper et al.
	A9	US-Re. 36,801	08-01-2000	Logan et al.
	A10	US-6,094,648	07-25-2000	Aalbersberg et al.
	A11	US-6,055,542	04-25-2000	Nielsen et al.
	A12	US-6,028,601	02-22-2000	Machiraju et al.
	A13	US-6,026,409	02-15-2000	Blumenthal
	A14	US-6,021,403	02-01-2000	Horvitz et al.
	A15	US-6,006,218	12-21-1999	Breese et al.
	A16	US-5,999,173	12-07-1999	Ubillos
	A17	US-5,990,934	11-23-1999	Nalwa
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	A19	US-5,986,692	11-16-1999	Logan et al.
	A20	US-5,986,655	11-16-1999	Chiu et al.
	A21	US-5,982,507	11-09-1999	Weiser et al.
	A22	US-5,978,477	11-02-1999	Hull et al.
	A23	US-5,950,187	09-07-1999	Tsuda
	A24	US-5,946,678	08-31-1999	Aalbersberg

Examiner Signature	<i>Michael K. Boffe</i>	Date Considered	<i>4/10/06</i>
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				Filing Date	March 31, 2004
				First Named Inventor:	John W. Barrus
				Art Unit	
				Examiner Name	
Sheet	2	074451.P161	15	Attorney Docket Number	074451.P161

U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No. ¹	Document No. Number - Kind Code ² (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
WKB	A25	US-5,943,679	08-24-1999	Niles et al.
	A26	US-5,933,841	08-03-1999	Schumacher et al.
	A27	US-5,892,536	04-06-1999	Logan et al.
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	A30	US-5,860,074	01-12-1999	Rowe et al.
	A31	US-5,857,185	01-05-1999	Yamamura
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	A38	US-5,781,785	07-14-1998	Rowe et al.
	A39	US-5,778,397	07-07-1998	Kuplec et al.
	A40	US-5,761,655	06-02-1998	Hoffman
	A41	US-5,760,767	06-02-1998	Shore et al.
	A42	US-5,751,283	05-12-1998	Smith
	A43	US-5,748,805	05-05-1998	Withgott et al.
	A44	US-5,737,599	04-07-1998	Rowe et al.
	A45	US-5,721,897	02-24-1998	Rubinstein et al.
	A46	US-5,717,879	02-10-1998	Moran et al.
	A47	US-5,694,559	12-02-1997	Hobson et al.
	A48	US-5,686,957	11-11-1997	Baker

Examiner Signature	<i>Michael K. Boff</i>	Date Considered	4/10/06
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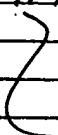
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				Examiner Name	
Sheet	3	074451.P161	15	Attorney Docket Number	074451.P161

U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No. ¹	Document No. Number - Kind Code ² (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
4/KP	A49	US-5,680,636	10-21-1997	Levine et al.
	A50	US-5,638,543	06-10-1997	Pedersen et al.
	A51	US-5,596,700	01-21-1997	Damell et al.
	A52	US-5,481,666	01-02-1996	Nguyen et al.
	A53	US-5,479,600	12-26-1995	Wroblewski et al.
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	A55	US-5,418,948	05-23-1995	Turtle
	A56	US-5,404,295	04-04-1995	Katz et al.
	A57	US-5,384,703	01-24-1995	Withgott et al.
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	A59	US-5,309,359	05-03-1994	Katz et al.
	A60	US-5,153,831	10-06-1992	Yianitos
	A61	US-4,823,303	04-18-1989	Terasawa
	A62	US-4,417,239	11-22-1983	Demke et al.

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ² - Number ³ Kind Code ⁴ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁵
4/KP 	B1	JP 8-297677 A	11-12-1996	Xerox Corporation	
	B2	GB 2 290 898 A	01-10-1996	Canon Business Machines, Inc.	
	B3	GB 2 234 609 A	02-06-1991	IBM Corporation	
	B4	GB 2 156 118 A	10-02-1985	Canon Kabushiki Kaisha	
	B5	GB 2 137 788 A	10-10-1984	Gavilan Computer Corporation	

Examiner Signature	<i>Michael K. Zott</i>	Date Considered	4/10/06
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3/KB	B6	EP 1 001 605 A3	05-17-2000	Xerox Corporation	
	B7	EP 802 492 A1	10-22-1997	IBM Corporation	
	B8	EP 762 297 A2	03-12-1997	Sun Microsystems	
	B9	EP 737 927 A2	10-16-1996	Xerox Corporation	
	B10	EP 459 174 A2	12-04-1991	Cina	
	B11	EP 378 848 A2	07-05-1990	IBM Corporation	

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶	
2/KB	C1	ABDEL-MOTTALEB, M. et al., "Face Detection in Complex Environments From Color Images," IEEE ICIP 622-626, 1999.		
	C2	Acrobat Reader Version 2.0 (software application), Adobe Systems Incorporated, screenshots Figures 1-10 (1994).		
	C3	Adobe Acrobat Reader 3.0 screen dumps (fig. 1-3), 1996.		
	C4	Adobe Premiere (video editing software) from http://www.adobe.com (2002)		
	C5	Adobe Systems, Inc., "Adobe Photoshop 4.0 User Guide for Macintosh and Windows," 1996, Title Page, Copyright Page, Chap. 2, pp. 30-31.		
	C6	Apple Macintosh system 7 reference manual, pages 30-31 (1991)		
	C7	ARONS, B. "SpeechSkimmer: A System for Interactively Skimming Recorded Speech," ACM Transactions on Computer-Human Interaction 4(1):3-38.		
	C8	BALL, THOMAS et al., "Software Visualization in the Large," IEEE Computer, Vol. 29, No. 4, April 1996, pp. 33-43, http://www.computer.org/computer/co1996/r4033abs.htm .		
	C9	BEGOLE et al., "Flexible Collaboration Transparency," doc. ID: ncstri.vatach_cs/TR-98-11, Virginia Polytechnic Institute and State University, 1998.		

Examiner Signature	<i>Michael K. Bots</i>	Date Considered	4/10/04
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		Number-Kind Code ² (if known)				
4/5/3 2		US-	2003/0088582 A1	05-08-2003	Pflug	
		US-	5,764,368	06-09-1998	Shibaki et al.	
		US-	5,438,426	08-01-1995	Miaki et al.	
		US-	2002/0097426 A1	07-25-2002	Gusmano, et al.	
		US-	5,754,308	05-18-1998	Lopresti, et al.	
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4/5/3	B12	WO	99/18523		04-15-1999	Caere Corporation		

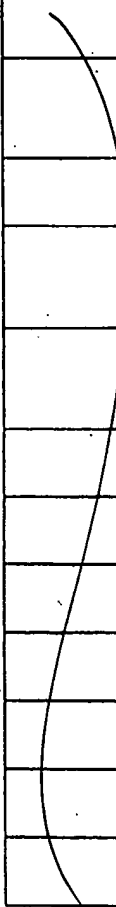
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NON PATENT LITERATURE DOCUMENTS					

OTHER REFERENCES - NON-PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²	
<i>4KB</i> 	C10	BEGOLE et al. "Flexible Collaboration Transparency: Supporting Worker Independence In Replicated Application-Sharing Systems," ACM Transactions On Computer-Human Interaction, June 1999, pp. 95-132, Vol. 6, No. 2.		
	C11	BEGOLE et al., "Supporting Worker Independence in Collaboration Transparency," ACM 0-58113-034-1/98/11, Virginia Polytechnic Institute and State University, pp. 133-142, 1998.		
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	C13	BOBICK et al., "A State Based Approach to the Representation and Recognition of Gesture," IEEE Trans. On Pattern Analysis and Machine Intelligence, pp. 1325-1337, 1997.		
	C14	BOGURAEV et al., "Salience-Based Content Characterization Of Text Documents," ACL/EACL'97 Intelligent Scalable Text Summarization Workshop Program, July 11, 1997, 14 pages.		
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	C16	BORECZKY, J. et al., "An Interactive Comic Book Presentation for Exploring Video," Conference on Human Factors in Computing Systems (CHI 2000), ACM Press, pp. 185-192, 2000.		
	C17	BOYKIN et al., "Improving Broadcast News Segmentation Processing," IEEE Multimedia '99, 1999.		
	C18	BOYKIN et al., "Machine Learning of Event Segmentation for News on Demand," Communications of the ACM, 43:35-41, 2000.		
	C19	BRANDOW et al., "Automatic Condensation of Electronic Publications by Sentence Selection," Information Processing and Management, 31(5):875-685, 1995.		
	C20	BROWN et al., "Automatic Content-Based Retrieval of Broadcast News," ACM Multimedia 5, San Francisco, CA, 1995.		
	C21	BYRD, D., "A Scrollbar-based visualization for Document Navigation," doc. ID:xxx.cs.IR/9902028, Computing Research Repository: Information Retrieval, 1999.		
C22	"c:\...A9149920c.wpd - unmodified" Screen Shots of document created in Corel WordPerfect, 4 pages (April 30, 2002)			

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YKB	C23	CHEN et al., "Emotion Recognition from Audiovisual Information," Proc. IEEE Workshop on Multimedia Signal Processing, Los Angeles, CA, USA, pp. 83-88, 1998.		
	C24	CHEN et al., "ViBE: A Video Indexing and Browsing Environment," Proceedings of the SPIE Conference on Multimedia Storage and Archiving Systems, September 20-22, 1999, Boston 3846:148-164, 1999.		
	C25	CHIU et al., "NoteLook: Taking Notes in Meetings with Digital Video and Ink," ACM Multimedia 99 Orlando, 1999.		
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	C27	CHRISTEL et al., "Evolving Video Skims into Useful Multimedia Abstractions," Proceedings of the CHI '98 Conference on Human Factors in Computing Systems, pp. 171-178 Los Angeles, CA, April 1998.		
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Examiner Signature	<i>Michael K. Butts</i>	Date Considered	4/10/04
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				First Named Inventor:	John W. Barrus
				Art Unit	
Examiner Name					
Sheet	8	074451.P161	15	Attorney Docket Number	074451.P161
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4KB	C36	EROL, B. et al., "Local Motion Descriptors," IEEE Workshop on Multimedia Signal Processing, 467-472, 2001.		
	C37	ESSA et al., "Coding Analysis Interpretation and Recognition of Facial Expressions," IEEE Trans. on Pattern Analysis and Machine Intelligence, 19:757-763, 1997.		
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C49	GRASSO, ANTONIETTA et al., "Supporting Informal Communication Across Local and Distributed Communities," Xerox Research Centre Europe, Grenoble, France, 8 pages.			

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4/KB	C50	GREENBERG, Saul, "A Fisheye Text Editor For Relaxed-WYSIWIS Groupware," ACM SIGCHI'96 Conference on Human Factors in Computing System, Companion Proceedings, 1996, pp. 212-213.		
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	C61	HSU, R.L., et al., "Face Detection in Color Images," Proc. International Conference on Image Processing, 1046-1049, 2001.		

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4KB	C62	HU et al., "Multimedia Description Framework (MDF) for Content Descriptions of Audio/Video Documents," Fourth ACM Conference on Digital Libraries (DL '99), August 11-14, 1999.	
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4/KB	C76	LI et al., "Text Extraction and Recognition in Digital Video," Proceedings of Third IAPR Workshop on Document Analysis Systems, pp. 119-128, 1998.		
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4KB	C92	PFAU, T. et al., "Multispeaker Speech Activity Detection for the ICSI Meeting Recorder," Proc. IEEE Automatic Speech Recognition and Understanding Workshop, 4 Pages, 2001.		
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	C99	SHAHARRAY et al., "Pictorial Transcripts: Multimedia Processing Applied to Digital Library Creation," 1997 IEEE First Workshop on Multimedia Signal Processing, pp. 581-586, 1997.		
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	C101	SMITH et al., "Video Skimming and Characterization Through the Combination of Image and Language Understanding," Computer Vision and Pattern Recognition IEEE 1997.		
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	C104	SONMEZ et al., "Multiple Speaker Tracking and Detection: Handset Normalization and Duration Scoring," Digital Signal Processing 10:133-143, 2000.		

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YKB	C105	STAUFFER, C. et al., "Adaptive Background Mixture Models for Real-Time Tracking," Proceedings of Computer Vision and Pattern Recognition, 246-252.			
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	C109	SUN, X. et al., "Panoramic Video Capturing and Compressed Domain Virtual Camera Control," ACM Multimedia, Pages 329-338, 2001.			
	C110	TAGHVA et al., "An Evaluation Of An Automatic Markup System," SPIE Proceedings, February 6-7 1995, pp. 317-327, Volume 2422.			
	C111	TAGHVA et al., "Evaluation of an Automatic Markup System," Proceedings SPIE Vol. 2422, Document Recognition II, p. 317-327, March 1995.			
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Examiner Signature	<i>Michael K. Batts</i>	Date Considered	4/10/06
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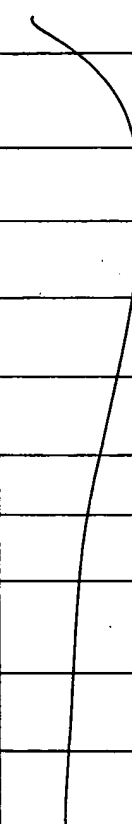
Substitute for Form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/816,049
				Filing Date	March 31, 2004
				First Named Inventor:	John W. Barrus
				Art Unit	
				Examiner Name	
Sheet	14	074451.P161	15	Attorney Docket Number	074451.P161
NON PATENT LITERATURE DOCUMENTS					

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	1 ^o	
YKB	C118	VideoLogger, Automate Video Acquisition And Production, Virage, Inc., [online] [Retrieved on April 26, 2002] Retrieved from the Internet<URL:http://www.virage.com/products/details.cfm?productID=5&categoryID=1>		
	C119	"Video Mail Retrieval Using Voice" Cambridge University Engineering Department Computer Laboratory and Olivetti Research Laboratory summary of research found at http://svr-www.eng.cam.ac.uk/research/projects/vmr/ (1997)		
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	C128	ZHANG et al., "Detection of Text Captions in Compressed Domain Video," International Multimedia Conference Proceedings of the 2000 ACM Workshops on Multimedia 2000, Los Angeles, CA, pp. 201-204.		

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<i>4KB</i> 	C129	DAMIANI, E. et al., "A Fine-Grained Access Control System for XML Documents," ACM Transactions on Information and System Security, May 2002, pp. 169-202, Vol. 5, No. 2.			
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	C140	"FlowPort™ Xerox Image Routing Software FlowPort Overview," 2003, 4 pages total.			

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